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TECH CENTER 1600/29

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Leonard Guarente, Shin-ichiro Imai and Christopher Armstrong

Serial No.:

09/461,580

Group Art Unit: 1643

Filed:

December 15, 1999

Examiner: Not Assigned

For:

Methods for Identifying Agents Which Alter Histone Protein Acetylation ECEIVED

Decrease Aging, Increase Lifespan

NOV 06 2000

TECH CENTER 1600/2000

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents,

Washington, D.C. 2023

Typed or printed name of person signing certificate

TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING AND PRELIMINARY AMENDMENT

Box Sequence

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

This amendment is submitted in response to the Notice to Comply with Sequence Requirements mailed from the Patent Office on September 28, 2000.

Transmitted herewith is a copy of a Substitute "Sequence Listing" in paper form (sheets 1/23 through 23/23) for the above-identified patent application as required by 37 C.F.R. §§ 1.825(a) and 1.821(c), and a copy of the Substitute "Sequence Listing" in computer readable form as required by 37 C.F.R. §§ 1.825(b) and 1.821(e).

09/461,580 -2-

As required by 37 C.F.R. § 1.825(b), Applicants' Attorney hereby states that the contents of the Substitute "Sequence Listing" in paper form and in the computer readable form submitted herewith are the same and, as required by 37 C.F.R. § 1.825(a), also states that the submission includes no new matter.

Please amend the above-identified application as follows:

In the Specification

Please replace the "Sequence Listing" filed on July 12, 2000 (sheets 1/24 through 24/24) with the attached Substitute "Sequence Listing" (sheets 1/23 through 23/23) comprising SEQ ID NOS: 1 through 35.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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By

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Date: 10/20/05